

FORM PTO-139 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 9-2006)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

884B.0003.U1(US)

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/584,179

INTERNATIONAL APPLICATION NO.  
PCT/GB05/00051INTERNATIONAL FILING DATE  
10 January 2005PRIORITY DATE CLAIMED  
8 January 2004

## TITLE OF INVENTION

A System Or Method For Assessing A Subject's Peripheral Blood Circulation

## APPLICANT(S) FOR DO/EO/US

Vincent Peter CRABTREE, Peter Richard SMITH

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (25) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ An Application Data Sheet under 37 CFR 1.76.
18. ☐ A substitute specification.
19. ☐ A power of attorney and/or change of address letter.
20. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
21. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
22. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
23. ☐ Express Mail Label No.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/584,179</b>	INTERNATIONAL APPLICATION NO. <b>PCT/GB05/00051</b>	ATTORNEY'S DOCKET NUMBER <b>884B.0003.U1(US)</b>
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24. Other items or information:  
**Declaration Supplemental Sheet (for Legal Representatives on Behalf of a Deceased or Incapacitated Inventor)**

	CALCULATIONS	PTO USE												
The following fees have been submitted:														
25. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)). . . . . \$300	\$ 0.00													
26. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0 All other situations. . . . . \$200	\$ 0.00													
27. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. . . . . \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. . . . . \$400 All other situations. . . . . \$500	\$ 0.00													
<b>TOTAL OF 25, 26 and 27 =</b>	\$ 0.00													
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) in an electronic medium or computer program listing in an electronic medium) (37 CFR 1.492(j)).														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra Sheets</th> <th style="width: 30%;">Number of each additional 50 or fraction thereof (round up to a whole)</th> <th style="width: 15%;">RATE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">- 100 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">/50 =</td> <td style="text-align: center;">0</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">x \$250.00</td> </tr> </tbody> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	- 100 =	0	/50 =	0				x \$250.00	\$ 0.00	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE											
- 100 =	0	/50 =	0											
			x \$250.00											
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).	\$ 130.00													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td style="text-align: center;">- 20 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td style="text-align: center;">- 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$200.00</td> </tr> </tbody> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	- 20 =	0	x \$50.00	Independent claims	- 3 =	0	x \$200.00	\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE											
Total claims	- 20 =	0	x \$50.00											
Independent claims	- 3 =	0	x \$200.00											
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00	\$ 0.00													
<b>TOTAL OF ABOVE CALCULATIONS =</b>	\$ 130.00													
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.	\$ 65.00													
<b>SUBTOTAL =</b>	\$ 65.00													
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).	\$ 0.00													
<b>TOTAL NATIONAL FEE =</b>	\$ 65.00													
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +	\$ 0.00													
<b>TOTAL FEES ENCLOSED =</b>	\$ 65.00													
	Amount to be	\$												
	Amount to be	\$												

04/19/2007  
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1924. A duplicate copy of this sheet is enclosed.
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**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Harry F. Smith

Customer No. 29683  
Harrington & Smith, PC  
4 Research Drive  
Shelton, CT 06484-6212  
(203) 925-9400

  
SIGNATURE

Harry F. Smith

NAME

32, 493

REGISTRATION NUMBER

4/4/2007  
DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

APPLICANT: Crabtree et al.

SERIAL NO.: 10/584,179

IA FILING DATE: 01/10/2005

TITLE: A System Or Method For Assessing A Subject's Peripheral Blood Circulation

ATTORNEY DOCKET NO.: 884B.0003.U1(US)

Certificate of Mailing

I hereby certify that the following correspondence:

Transmittal Letter to US Designated/Elected Office

Declaration and Power of Attorney (1)

Declaration Supplemental Sheet (For Legal Representatives On Behalf of A Deceased Inventor)

Copy of Notification of Missing Requirements

Check for \$65.00

Is being deposited with the United States Postal Service, on the date shown below, first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop PCT

04/05/2007  
Date

Lisa Mrozek  
Lisa Mrozek



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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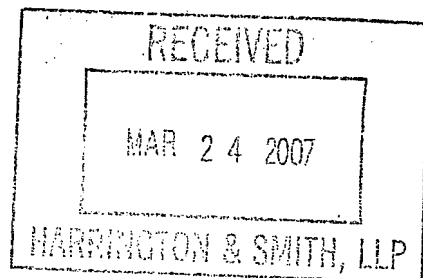
U.S. APPLICATION NUMBER NO. 10/584,179	FIRST NAMED APPLICANT Vincent Peter Crabtree	ATTY. DOCKET NO. 884B.0003.U1 (US)		
29683 HARRINGTON & SMITH, PC 4 RESEARCH DRIVE SHELTON, CT 06484-6212		INTERNATIONAL APPLICATION NO. PCT/GB05/00051		
USACTION DUE DATE <u>5/20/07</u> PAPER DATED <u>3/20/07</u> CA <u>FINAL</u> <u>9/20/07</u> <u>MSG PT</u> DWG APPEAL <u>ISSUE FEE</u> OTHER		<table border="1"> <tr> <td>I.A. FILING DATE 01/10/2005</td> <td>PRIORITY DATE 01/08/2004</td> </tr> </table>	I.A. FILING DATE 01/10/2005	PRIORITY DATE 01/08/2004
I.A. FILING DATE 01/10/2005	PRIORITY DATE 01/08/2004			
		CONFIRMATION NO. 4741 371 FORMALITIES LETTER 		
		*OC000000022984888*		

Date Mailed: 03/20/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/23/2006
- Copy of the International Search Report filed on 06/23/2006
- Copy of IPE Report filed on 06/23/2006
- Preliminary Amendments filed on 06/23/2006
- Information Disclosure Statements filed on 06/23/2006
- U.S. Basic National Fees filed on 06/23/2006
- Priority Documents filed on 06/23/2006
- Power of Attorney filed on 06/23/2006



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
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For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/584,179	PCT/GB05/00051	884B.0003.U1 (US)

FORM PCT/DO/EO/905 (371 Formalities Notice)